

2580 Creekview Road Moab, Utah 84532 435/719-2018 435/719-2019 Fax

November 7, 2007

Mrs. Diana Mason State of Utah Division of Oil Gas and Mining P.O. Box 145801 Salt Lake City, Utah 84114-5801

RE: Application for Permit to Drill—XTO Energy, Inc.

LCU 7-36F - 1,991' FNL & 2,059' FEL, SW/4, NE/4,

Section 36, T10S, R20E, SLB&M, Uintah County, Utah

Dear Diana;

On behalf of XTO Energy, Inc. Buys & Associates, Inc. respectfully submits the enclosed original and one copy of the Application for Permit to Drill (APD) for the above referenced SITLA surface and mineral vertical well. The location of the surface and target location as well as all points along the intended well bore path are within Cause No. 259-01 and are not within 460 feet of the unit boundary or any uncommitted tracts. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and utility corridors:

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan;

Exhibit "E" - Surface Use Plan with APD Certification;

Exhibit "F" - Typical BOP and Choke Manifold diagram;

Exhibit "G" - Cultural and Paleontological Clearance Reports.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Ken Secrest of XTO Energy, Inc. at 435-722-4521 if you have any questions or need additional information.

Sincerely,

Don Hamilton

Agent for XTO Energy, Inc.

cc: Fluid Mineral Group, BLM—Vernal Field Office Ken Secrest, XTO Energy, Inc.

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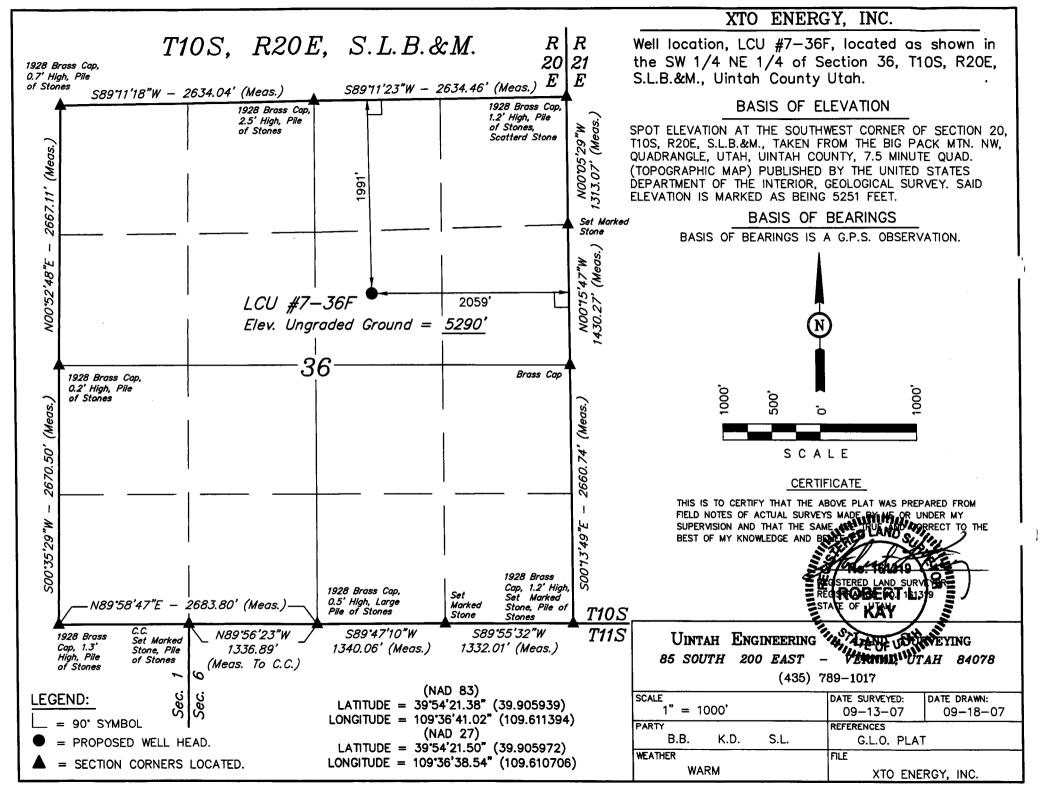
DIV. OF OIL, GAS & MINING

FORM 3

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT	
(highlight changes)	

	APPLICAT	ION FOR P	ERMIT TO	DRILL		5. MINERAL LEASE NO: ML-47391	6. SURFACE: State
1A. TYPE OF WOI	RK: DRILL 🗸 F	REENTER	DEEPEN [7. IF INDIAN, ALLOTTEE OF N/A	R TRIBE NAME:
B. TYPE OF WEL	L: OIL GAS 🗹	THER	SING	SLE ZONE [MULTIPLE ZONE	8. UNIT OF CA AGREEMENT Little Canyon Un	
2. NAME OF OPER					· · · · · · · · · · · · · · · · · · ·	9. WELL NAME and NUMBE	
XTO Energy						LCU 7-36F	
3. ADDRESS OF C	PERATOR:	velt _{STATE}	UT ZIP 840)66	PHONE NUMBER: (435) 722-4521		Manual 1
	WELL (FOOTAGES)	1.18756	Y 3	9 905	987	11. QTR/QTR, SECTION, TO MERIDIAN:	OWNSHIP, RANGE,
AT SURFACE:	1,991' FNL & 2,059' FE	L, IIII OA			•	SWNE 36 10	S 20E S
AT PROPOSED	PRODUCING ZONE:	741803	57 Y	109.	610718		
14. DISTANCE IN	MILES AND DIRECTION FROM NEAR	EST TOWN OR POS	T OFFICE:			12. COUNTY:	13. STATE: UTAH
13.11 mile	es southeast of Ouray, t	Jtah				Uintah	
15. DISTANCE TO	NEAREST PROPERTY OR LEASE LI	NE (FEET)	16. NUMBER OF	ACRES IN LEA		17. NUMBER OF ACRES ASSIGNE	
1,991'					640		40
18. DISTANCE TO	NEAREST WELL (DRILLING, COMPI ON THIS LEASE (FEET)	ETED, OR	19. PROPOSED	DEPTH:		20. BOND DESCRIPTION:	
1,107') OH THO LEVOL (* E.C.)				9,090	104312 762	
21. ELEVATIONS	(SHOW WHETHER DF, RT, GR, ETC.):	22. APPROXIMA		K WILL START:	23. ESTIMATED DURATION:	
5,290' ung	graded ground		1/15/200	8		14 days	
24.		PROPOSE	ED CASING AI	ND CEME!	ITING PROGRAM		
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIG	HT PER FOOT	SETTING DEPTH		CEMENT TYPE, QUA	ANTITY, YIELD, AND SLURRY WEIG	нт
12-1/4"	9-5/8" J-55 ST						
7-7/8"	5-1/2" N-80 LT	17#	9,090	see Drilli	ng Plan		
7-170	0-1/2 11 00 E1		0,000				
				<u> </u>			
25.			ATTA	CHMENTS			
	LLOWING ARE ATTACHED IN ACCOR	RDANCE WITH THE U	TAH OIL AND GAS C	ONSERVATION	GENERAL RULES:		
_				I 🕳	OMPLETE DRILLING PLAN		
	AT OR MAP PREPARED BY LICENSE					TOOM OF COMPANY OTHER THA	ITHE LEACE OWNED
EVIDEN	CE OF DIVISION OF WATER RIGHTS	APPROVAL FOR USE	E OF WATER		ORM 5, IF OPERATOR IS PE	ERSON OR COMPANY OTHER THAN	THE LEASE OWNER
						_	
NAME (PLEASE	PRINT) Don Hamilton	Energy, Inc.					
SIGNATURE_							
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(This space for St	ate use only)		Ut:	ah Divis	ion of		
	a a		Oil		Mining	RECEIVE	D
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			Date:	1-14-	1111	DIV. OF CIL, CAG & M	INING
(11/2001)			(See histructi	CAIS OF THE VEISE		we say to File to [VI]	1. vei W 🕶



XTO ENERGY INC.

LCU 7-36F APD Data November 6, 2007

Location: 1991' FNL & 2059' FEL, Sec. 36, T10S,R20E County: Uintah State: Utah

GREATEST PROJECTED TD: 9090' MD OBJECTIVE: Wasatch/Mesaverde
APPROX GR ELEV: 5290' Est KB ELEV: 5304' (14' AGL)

1. MUD PROGRAM:

INTERVAL	0' to 2200'	2200' to 9090'
HOLE SIZE	12,25"	7.875"
MUD TYPE	FW/Spud Mud	KCl Based LSND / Gel Chemical
WEIGHT	8.4	8.6-9.20
VISCOSITY	NC	30-60
WATER LOSS	NC	8-15

Remarks: Use fibrous materials as needed to control seepage and lost circulation. Pump high viscosity sweeps as needed for hole cleaning. Raise viscosity at TD for logging. Reduce viscosity after logging for cementing purposes. The mud system will be monitored visually/manually.

2. CASING PROGRAM:

Surface Casing: 9.625" casing set at \pm 2200' in a 12.25" hole filled with 8.4 ppg mud

					Coll	Burst						
					Rating	Rating	Jt Str	ID	Drift	SF	SF	SF
Interval	Length	Wt	Gr	Cplg	(psi)	(psi)	(M-lbs)	(in)	(in)	Coll	Burst	Ten
0'-2200'	2200'	36#	J-55	ST&C	2020	3.66	394	8.921	8.765	2.10	3.66	4.97

Production Casing: 5.5" casing set at ±9090' in a 7.875" hole filled with 9.2 ppg mud.

					Coll	Burst						
					Rating	Rating	Jt Str	ID	Drift	SF	SF	SF
Interval	Length	Wt	Gr	Cplg	(psi)	(psi)	(M-lbs)	(in)	(in)	Coll	Burst	Ten
0'-9090'	9090'	17#	N-80	LT&C	6280	7740	348	4.892	4.767	1.83	2.25	2.25

Collapse and burst loads calculated at TVD with 0.1 psi/ft gas gradient back up.

3. WELLHEAD:

- A. Casing Head: Larkin Fig 92 (or equivalent), 9" nominal, 2,000 psig WP (4,000 psig test) with 8-5/8" 8rnd thread on bottom (or slip-on, weld-on) and 11-3/4" 8rnd thread on top.
- B. Tubing Head: Larkin Fig 612 (or equivalent), 6.456" nominal, 5,000 psig WP, 5-1/2" 8rnd female thread on bottom (or slip-on, weld-on), 8-5/8" 8rnd thread on top.

CEMENT PROGRAM:

9.625", 36#, J-55, ST&C casing to be set at ±2200' in 12.25" hole. A. Surface:

LEAD:

±362 sx of Type V cement (or equivalent) typically containing accelerator and LCM.

TAIL:

225 sx of Type V cement (or equivalent) typically containing accelerator and LCM. yield 1:15 ft 3/sx

Total estimated slurry volume for the 9.625" surface casing is 956.5 ft³. Slurry includes 35% excess of calculated open hole annular volume to 2200'.

5.5", 17#, N-80 (or equiv.), LT&C casing to be set at ±9090' in 7.875" hole. B. Production:

LEAD:

±463 sx of Premium Plus V Blend. (Type V/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 11.6 ppg, 3.12 ft³/sk, 17.71 gal wtr/sx.

TAIL:

300 sx Class G or equivalent cement with poz, bonding additive, LCM, dispersant, & fluid loss mixed at 13.0 ppg, 1.75 cuft/sx, 9.09 gal/sx.

Total estimated slurry volume for the 5.5" production casing is 1971 ft³. Slurry includes 15% excess of calculated open hole annular volume.

Note: The slurry design may change slightly based upon actual conditions. Final cement volumes will be determined from the caliper logs plus 15% or greater excess. The cement is designed to circulate on surface and intermediate casing strings.

5. LOGGING PROGRAM:

- A. Mud Logger: The mud logger will come on at intermediate casing point and will remain on the hole until TD. The mud will be logged in 10' intervals.
- Open Hole Logs as follows: Run Array Induction/SFL/GR/SP fr/TD (9090') to the bottom of the surface csg. Run Neutron/Lithodensity/Pe/GR/Cal from TD (9090') to 2200'.

FORMATION TOPS:

FORMATION	Sub-Sea Elev. (@SHL)	TVD (@SHL)
Wasatch Tongue	1,565	3,744
Green River Tongue	1,240	4,069
Wasatch*	1,110	4,199
Chapita Wells*	370	4,939
Uteland Buttes	-820	6,129
Mesaverde*	-1,552	6,861
Castlegate	N/A	N/A
TD**	-3781	9090

^{*} Primary Objective

7. ANTICIPATED OIL, GAS, & WATER ZONES:

A.

Formation	Expected Fluids	Well Depth Top
Wasatch Tongue	Oil/Gas/Water	3,744
Green River Tongue	Oil/Gas/Water	4,069
Wasatch*	Gas/Water	4,199
Chapita Wells*	Gas/Water	4,939
Uteland Buttes	Gas/Water	6,129
Mesaverde*	Gas/Water	6,861
Castlegate	Gas/Water	N/A

- A. Appropriately weighted mud will be used to isolate potential gas, oil, and water zones until such time as casing can be cemented into place for zonal isolation.
- B. There are no known potential sources of H₂S.
- C. Expected bottom hole pressures are between 4100 psi and 4600 psi.

8. BOP EQUIPMENT:

Surface will not utilize a bop stack.

Intermediate hole will be drilled using a diverter stack with rotating head rated at 250 psi w.p.

Production hole will be drilled with a 3000 psi BOP stack.

Minimum specifications for pressure control equipment are as follows:

Ram Type: 11" Hydraulic double ram with annular, 3000 psi w.p.

Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70% of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10% in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

Annular type preventers (if used) shall be tested to 50% of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

As a minimum, the above test shall be performed:

- a. when initially installed:
- b. whenever any seal subject to test pressure is broken
- c. following related repairs: and
- d. at 30 day intervals

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) shall be held open or the ball removed.

Annular preventers (if used) shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No.2 for equipment and testing requirements, procedures, etc., and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests. Pressure tests shall apply to all related well control equipment.

BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Test pressures for BOP equipment are as follows:

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Annular BOP -- 1500 psi
Ram type BOP -- 3000 psi
Kill line valves -- 3000 psi
Choke line valves and choke manifold valves -- 3000 psi
Chokes -- 3000 psi
Casing, casinghead & weld -- 1500 psi
Upper kelly cock and safety valve -- 3000 psi
Dart valve -- 3000 psi
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Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The BLM in Vernal, UT shall be notified, at least 24 hours prior to initiating the pressure test, in order to have a BLM representative on location during pressure testing.

- a. The size and rating of the BOP stack is shown on the attached diagram.
- b. A choke line and a kill line are to be properly installed.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.
- e. See attached BOP & Choke manifold diagrams.

9. COMPANY PERSONNEL:

<u>Name</u>	<u>Title</u>	Office Phone	Home Phone
John Egelston	Drilling Engineer	505-333-3163	505-330-6902
Bobby Jackson	Drilling Superintendent	505-333-3224	505-486-4706
Glen Christiansen	Project Geologist	817-885-2800	

SURFACE USE PLAN

CONDITIONS OF APPROVAL

Name of Operator: XTO Energy, Inc.

Address: P.O. Box 1360; 978 North Crescent

Roosevelt, Utah 84066

Well Location: LCU 7-36F

1,991' FNL & 2,059' FEL, SW/4, NE/4,,

Section 36, T10S, R20E, SLB&M, Uintah County, Utah

The surface owner or surface owner representative and dirt contractor will be provided with an approved copy of the surface use plan of operations and approved conditions of approval before initiating construction.

The onsite inspection for the referenced well is pending at this time.

1. Location of Existing Roads:

- a. The proposed well site is located approximately 13.11 miles southeast of Ouray, UT.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- c. The use of roads under State and County Road Department maintenance are necessary to access the Little Canyon Unit area. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.
- e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. Since no improvements are anticipated to the State, County, Tribal or BLM access roads no topsoil striping will occur.
- g. An off-lease federal Right-of-Way is not anticipated for the access road since access presently exists to the lease boundary.

2. New or Reconstructed Access Roads:

- a. From the existing LCU 6-36F an access is proposed trending southwest approximately 102' to the proposed well site. The access consists of entirely new disturbance and crosses no significant drainages. A road design plan is not anticipated at this time.
- b. The proposed access road will consist of a 24' travel surface within a 30' disturbed area.
- c. SITLA approval to construct and utilize the proposed access road is requested with this application.
- d. A maximum grade of 10% will be maintained throughout the project with no cuts and fills required to access the well.

- e. No turnouts are proposed since the access road is only 102' long and adequate site distance exists in all directions.
- f. No low-water crossings and no culverts are anticipated. Adequate drainage structures will be incorporated into the road.
- g. No surfacing material will come from federal or Indian lands.
- h. No gates or cattle guards are anticipated at this time.
- i. Surface disturbance and vehicular travel will be limited to the approved location access road.
- j. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: <u>Surface Operating Standards for Oil</u> and <u>Gas Exploration and Development</u>, (1989).
- k. The operator will be responsible for all maintenance of the access road including drainage structures.

3. Location of Existing Wells:

a. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

4. <u>Location of Existing and/or Proposed Production Facilities:</u>

- a. All permanent structures will be painted a flat, non-reflective Desert Brown /Carlsbad Canyon to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162. 7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.

- h. A pipeline corridor containing a single steel gas pipeline and a single steel or poly pipe water pipeline is associated with this application and is being applied for at this time. The proposed pipeline corridor will leave the northeast side of the well site and traverse 142' northeast to the existing LCU 6-36F pipeline corridor
- i. The gas pipeline will be a 12" or less buried line and the water pipeline will be a 12" or less buried line within a 75' wide disturbed pipeline corridor. The use of the proposed well site and access roads will facilitate the staging of the pipeline corridor construction. A new buried pipeline corridor length of approximately 142' is associated with this well.
- j. An existing pipeline corridor upgrade is proposed from the proposed tie-in location between the LCU 6-36F and the LCU 8-36F locations to the LCU compressor facility along the existing pipeline route.
- k. The gas pipeline will be a 12" or less buried line and the water pipeline will be a 12" or less buried line within a single trench and within a 75' wide disturbed pipeline corridor. The use of the existing well site and access roads will facilitate the staging of the pipeline corridor upgrade. An upgrade to a 75' wide buried pipeline corridor of approximately 0.9 miles is associated with this application.
- 1. The proposed pipeline and pipeline upgrade are contained within SITLA surface.
- m. XTO Energy, Inc. intends to bury the pipeline where possible and connect the pipeline together utilizing conventional welding technology.

5. Location and Type of Water Supply:

- a. No water supply pipelines will be laid for this well.
- b. No water well will be drilled for this well.
- c. Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- d. Water will be hauled from one of the following sources:
 - Water Permit # 43-10447, Section 33, T8S, R20E;
 - Water Permit #43-2189, Section 33, T8S, R20E;
 - Water Permit #49-2158, Section 33, T8S, R20E;
 - o Water Permit #49-2262, Section 33, T8S, R20E;
 - o Water Permit #49-1645, Section 5, T9S, R22E;
 - o Water Permit #43-9077, Section 32, T6S, R20E;
 - o Tribal Resolution 06-183, Section 22, T10S, R20E;

6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from Ute Tribal or BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the northwest side of the pad.
- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- e. The reserve pit will be lined with 16 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.
- Produced fluids from the well other than water will be produced into a test tank until such time as
 construction of production facilities is completed. Any spills of oil, gas, salt water or other
 produced fluids will be cleaned up and removed.
- j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved XTO Energy, Inc. disposal well for disposal.
- k. Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.
- 1. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

- a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.
- b. No camps, airstrips or staging areas are proposed with this application.

9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the northeast.
- c. The pad and road designs are consistent with SITLA specification
- d. A pre-construction meeting with responsible company representative, contractors, and the SITLA will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters from entering the well site area.
- i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- k. Pits will remain fenced until site cleanup.
- 1. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface (Interim Reclamation and Final Reclamation):

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR

3162.7-1.Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours.

- c. Following BLM published Best Management Practices the interim reclamation will be completed within 90 days of completion of the well to reestablish vegetation, reduce dust and erosion and compliment the visual resources of the area.
 - a. All equipment and debris will be removed from the area proposed for interim reclamation and the pit area will be backfilled and re-contoured.
 - b. The area outside of the rig anchors and other disturbed areas not needed for the operation of the well will be re-contoured to blend with the surrounding area and reseeded at 12 lbs /acre with the following native grass seeds:

Crested Wheat Grass
 Needle and Thread Grass
 Rice Grass
 (6 lbs / acre)
 (3 lbs / acre)
 (3 lbs / acre)

- c. Reclaimed areas receiving incidental disturbance during the life of the producing well will be re-contoured and reseeded as soon as practical.
- d. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the SITLA or the appropriate County Extension Office. On SITLA administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- e. Prior to final abandonment of the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the SITLA. The SITLA recommended seed mix will be detailed within their approval documents.

11. Surface and Mineral Ownership:

- a. Surface Ownership State of Utah under the management of the SITLA -State Office, 675 East 500 South, Suite 500, Salt Lake, City, Utah 84102-2818; 801-538-5100.
- b. Mineral Ownership State of Utah under the management of the SITLA -State Office, 675 East 500 South, Suite 500, Salt Lake, City, Utah 84102-2818; 801-538-5100.

12. Other Information:

a. Operators Contact Information:

Title	Name	Office Phone	Mobile Phone	e e-mail .
Company Rep.				Ken_Secrest@xtoenergy.com starpoint@etv.net

- b. AIA Archaeological has conducted a Class III archeological survey. A copy of the report is attached and has also been submitted under separate cover to the appropriate agencies by AIA Archaeological.
- c. Alden Hamblin has conducted a paleontological survey. A copy of the report is attached and has also been submitted under separate cover to the appropriate agencies by Alden Hamblin.

Certification:

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exists; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application and that bond coverage is provided under XTO Energy, Inc's SITLA bond 104312-762. These statements are subject to the provisions of 18 U.S.C. 1001 for the fling of false statements.

Executed this 7th day of November, 2007.

Don Hamilton -- Agent for XTO Energy, Inc.

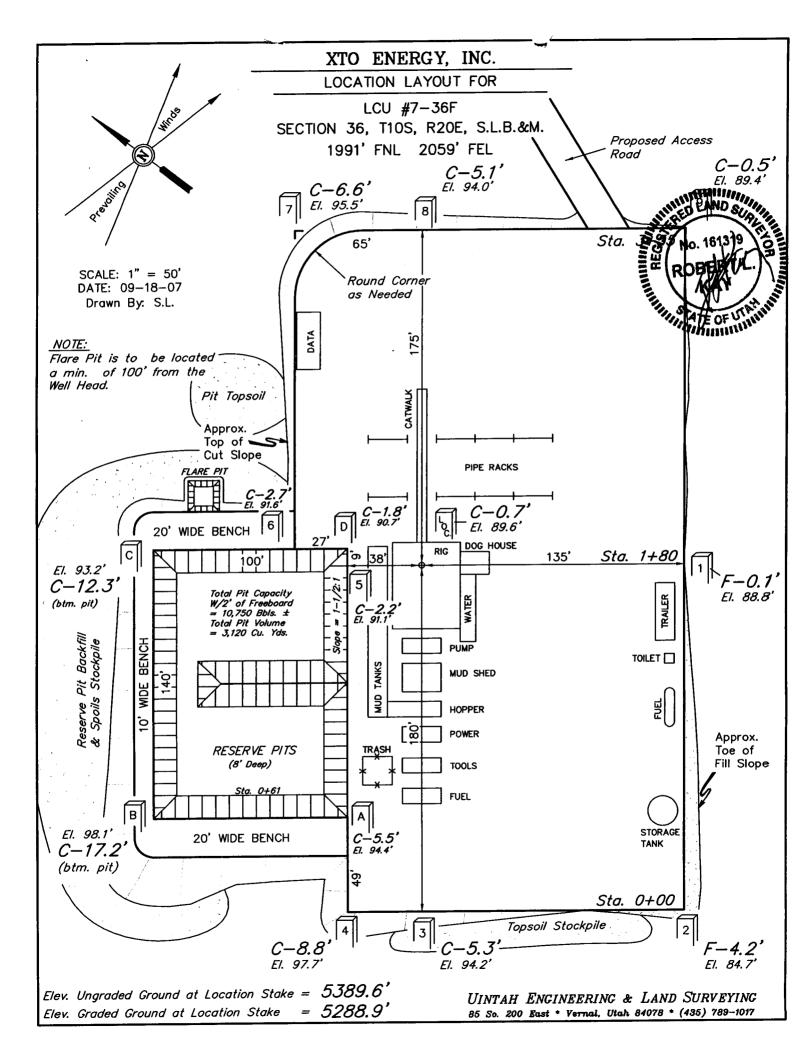
2580 Creekview Road Moab, Utah 84532

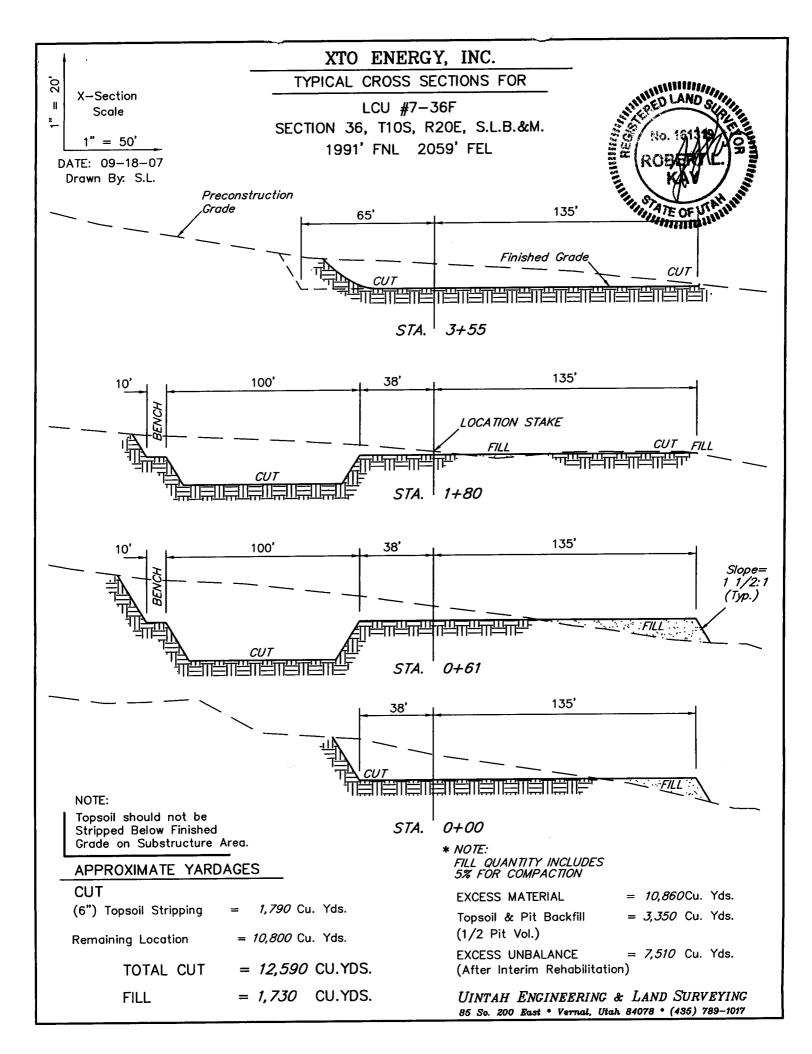
435-719-2018 starpoint@etv.net

XTO ENERGY, INC. LCU #7-36F SECTION 36, T10S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXIISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 320' TO THE JUNCITON OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST: TURN LEFT AND PROCEED IN A SOUTHWESTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHWEST; FOLLOW ROAD FLAGS IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 120' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 40.5 MILES.





XTO ENERGY, INC.

LCU #7-36F

LOCATED IN UINTAH COUNTY, UTAH SECTION 36, T10S, R20E, S.L.B.&M.

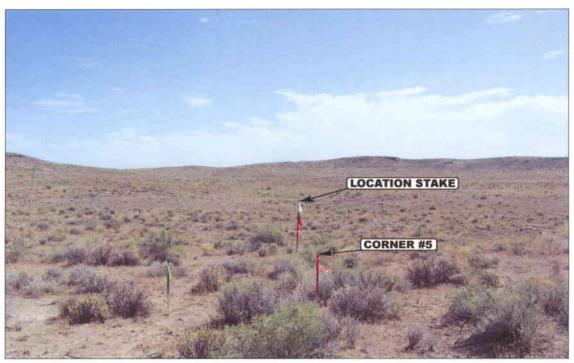


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY

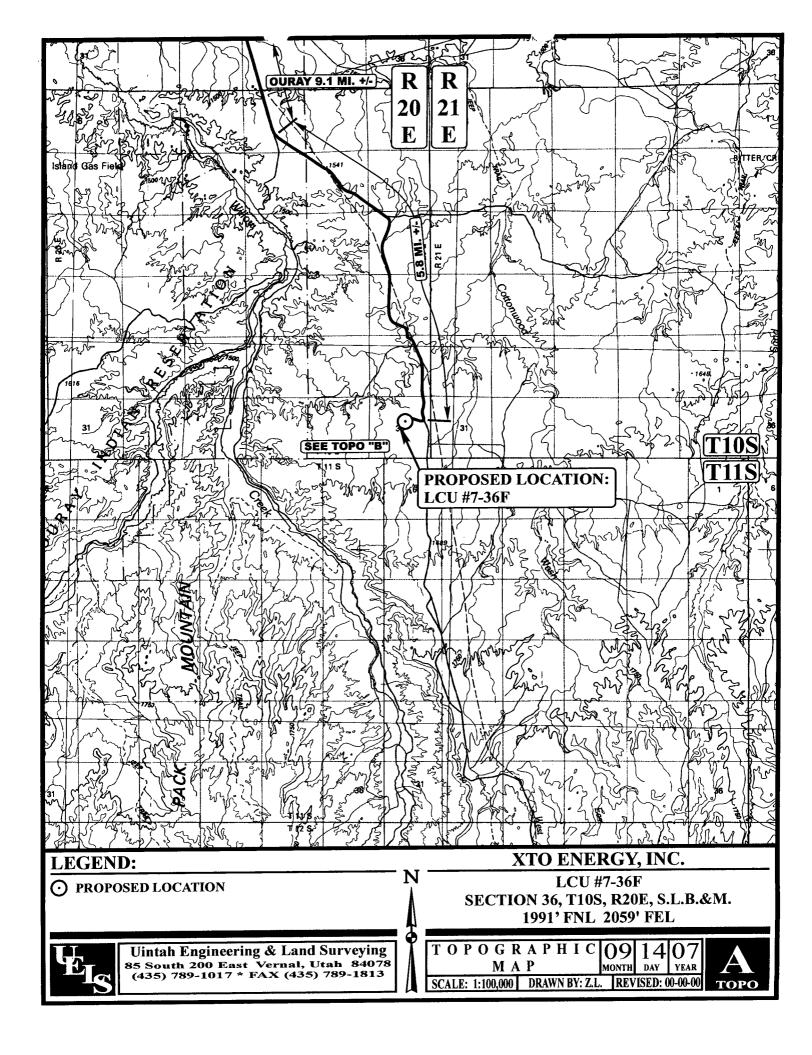


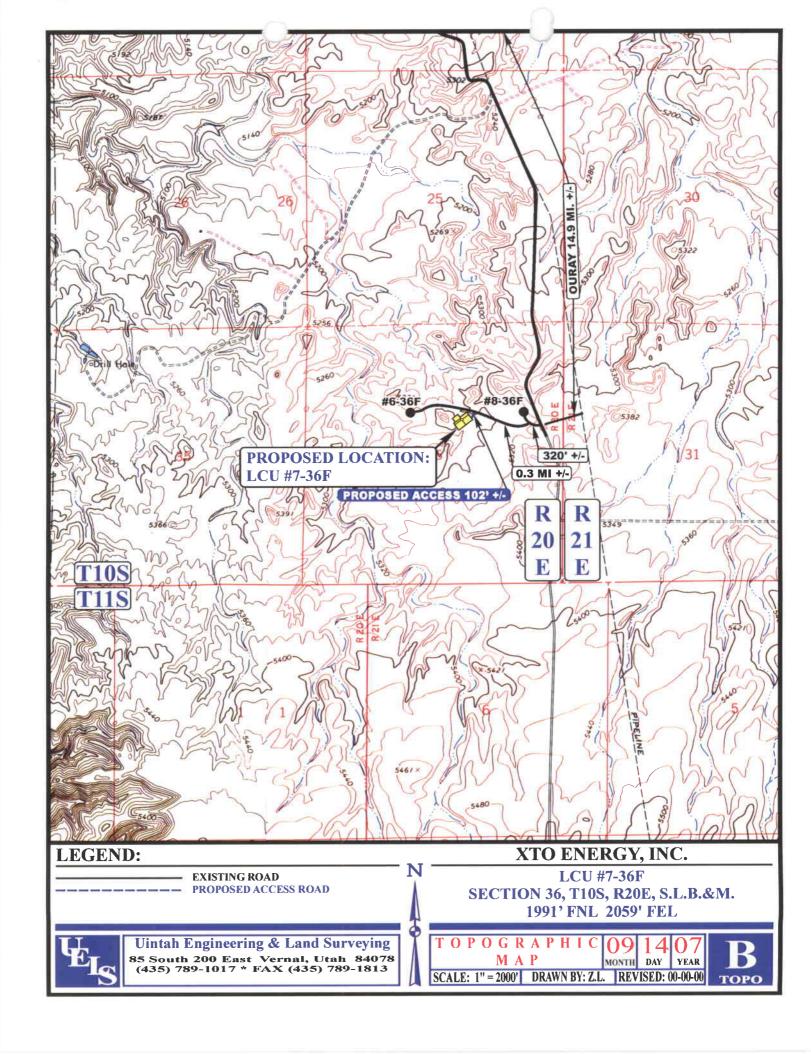
PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

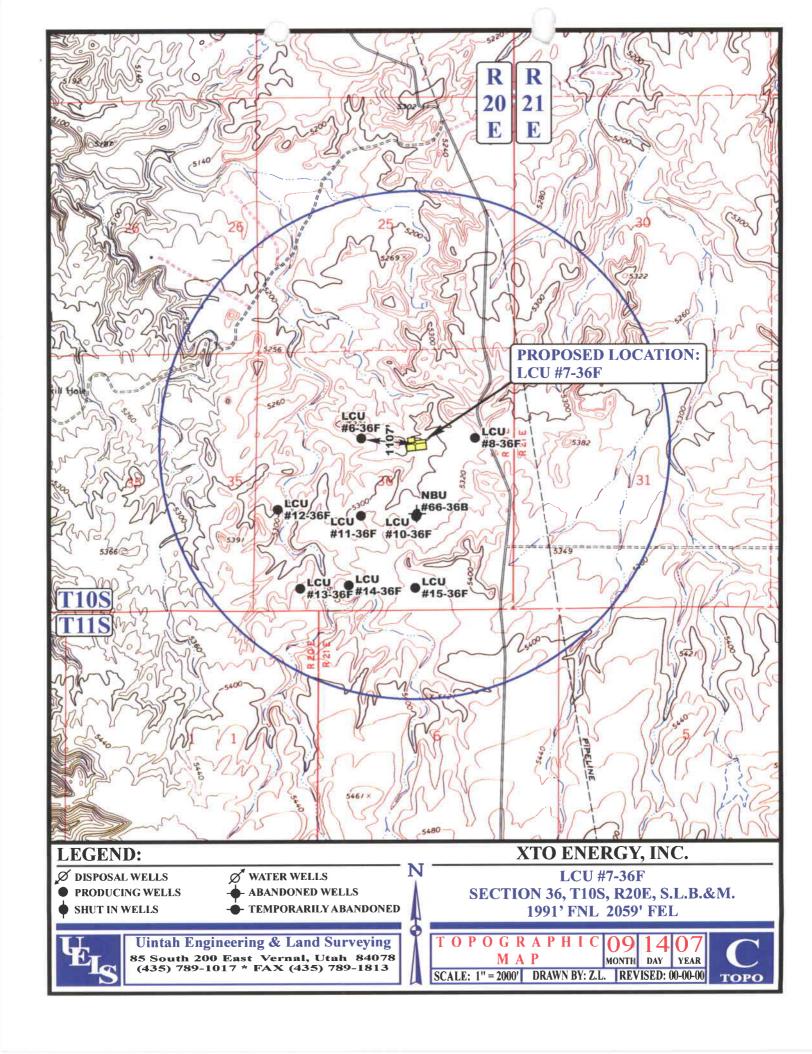
CAMERA ANGLE: SOUTHERLY

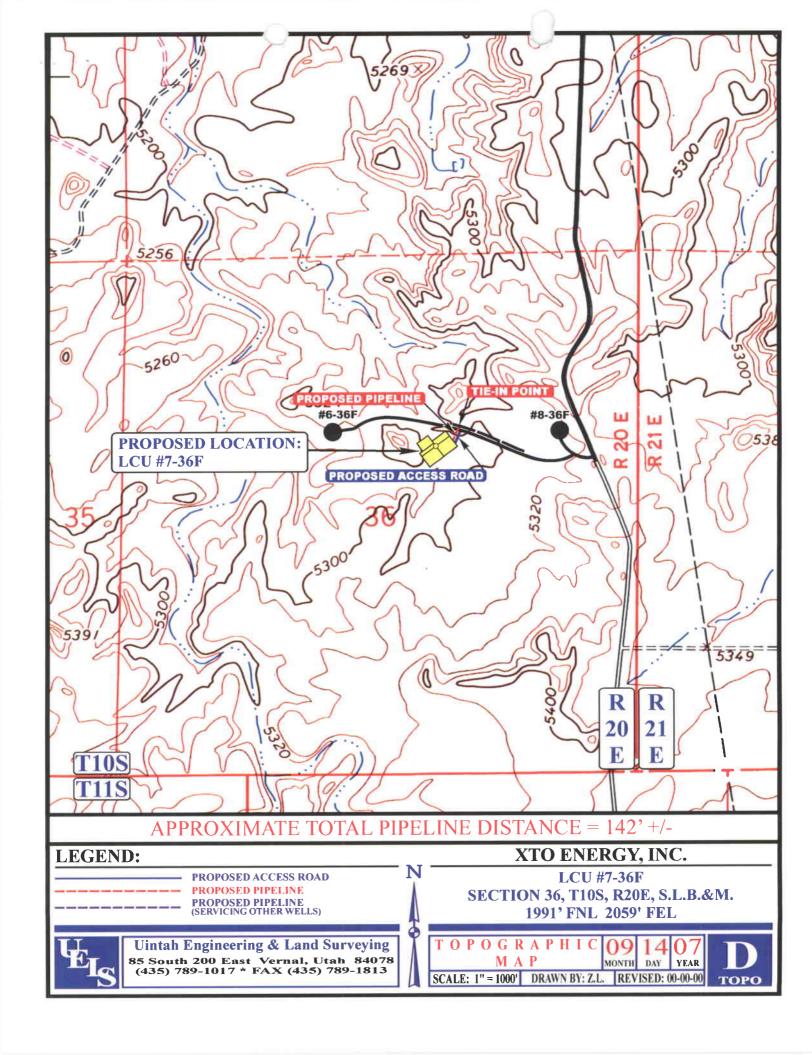


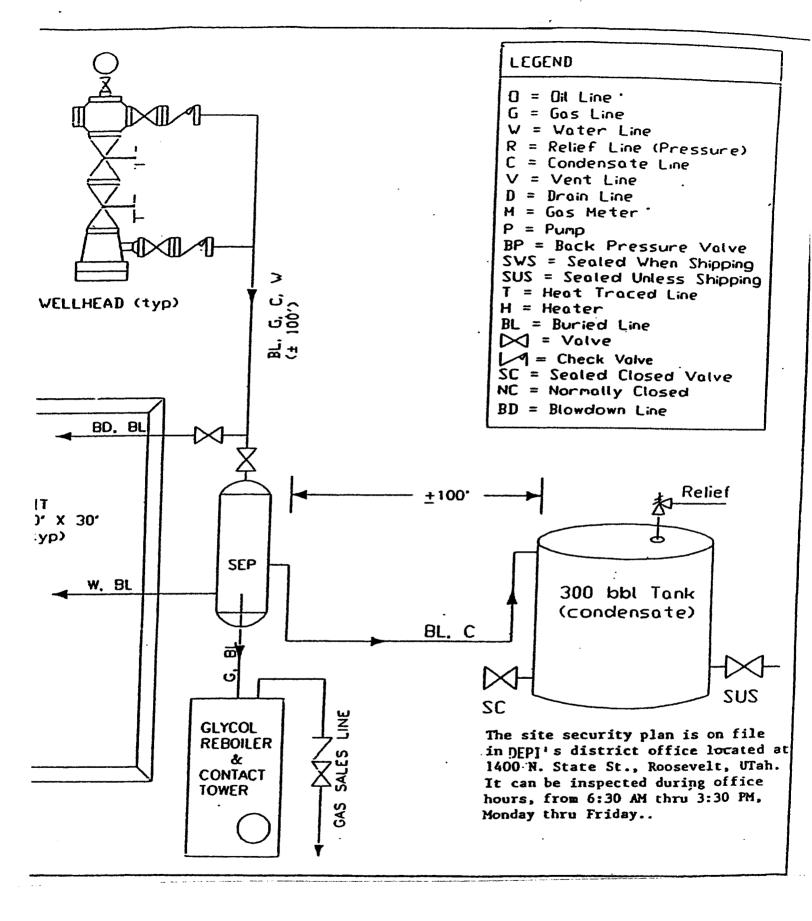
LOCATION PHOTOS 09 14 07 PHOTO TAKEN BY: D.R. DRAWN BY: Z.L. REVISED: 00-00-00

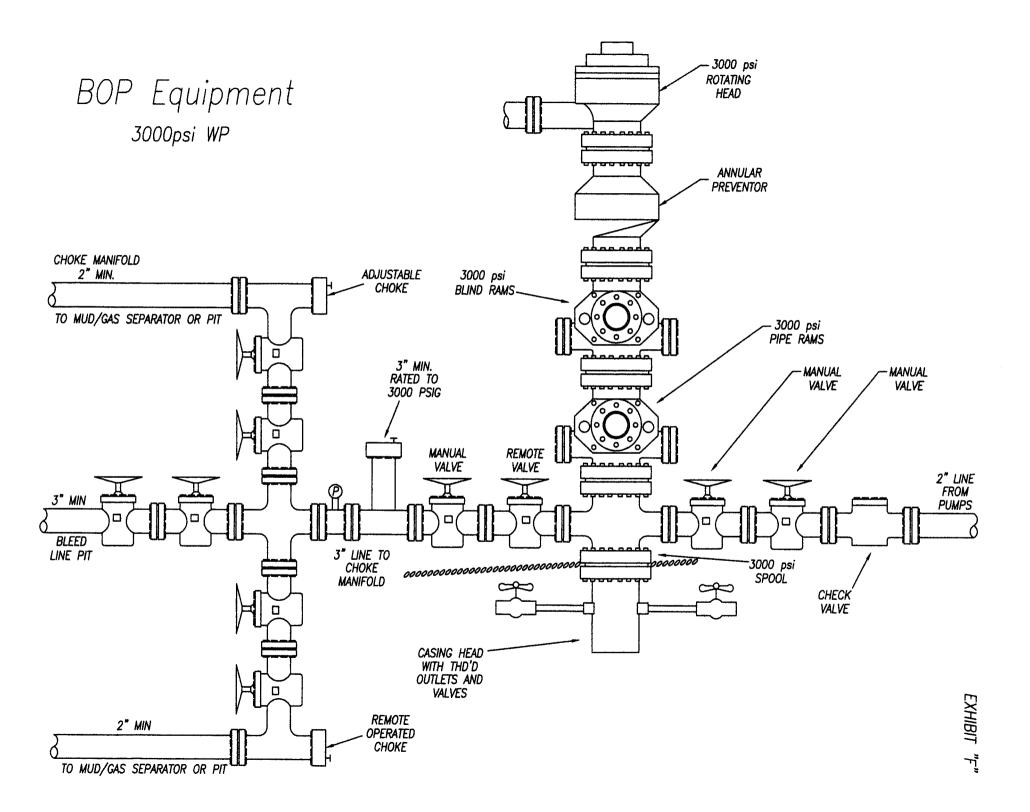












XTO Energy Corporation Little Canyon Unit #7-36F: A Cultural Resource Inventory for a well its access and pipeline, Uintah County, Utah.

By James A. Truesdale

James A. Truesdale Principal Investigator

Prepared For XTO Energy Corporation 1400 North State Street P.O.Box 1360 Roosevelt, Utah 84066

Prepared By
AN INDEPENDENT ARCHAEOLOGIST
P.O.Box 153
Laramie, Wyoming
82073

Utah Project # U-07-AY-1202(s)

October 9, 2007

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- Figure 2. View to north of the proposed LCU #7-36F centerstake and well pad area. - - - - - 4
- Figure 3. Closer view to north of the proposed Little Canyon Unit #7-36F well pad and the colluvial deposits on and surrounding the proposed LCU #7-36F well pad area. 5

Introduction

An Independent Archaeologist (AIA) was contacted by a representative of XTO Energy Corporation to conduct a cultural resources investigation of the proposed Little Canyon Unit (LCU) #7-36F well, its access and pipeline. The location of the project area is the SW/NE 1/4 of Section 36, T10S, R20E Uintah County, Utah (Figure 1).

The proposed LCU #7-36F well's centerstake footage (Alternate #1) is 1991' FNL, 2059' FEL. The proposed LCU #7-36F well's centerstake Universal Transverse Mercator (UTM) coordinate is Zone 12, North American Datum (NAD) 83, 06/18/735.62mE 44/18/023.42mN.

From an existing oil and gas field service road and pipeline, the proposed access and pipeline trend west 500 feet (162.4 m) to the proposed LCU #7-36F well pad.

The surface and minerals of Section 36 T10S R20E is administered by the Utah School Institutional Trust Land Administration (SITLA). A total of 10 acres (10 block, 0 linear) was surveyed. The fieldwork was conducted on October 4, 2007 by AIA owner and principal investigator James Truesdale and AIA staff Dr. David V. Hill. All the field notes and maps are located in the AIA office in Laramie, Wyoming.

File Search

A file search was conducted by the Office of the Utah Division of State History (UDSH), Antiquities Section, Records Division on May 24 and again on October 2, 2007. An additional file search was conducted at the Vernal BLM office in March of 2006 by the author. An update of AIA's USGS 7.5'/1968 (photorevised 1987) Big Pack Mountain NW quadrangle map from the UDSH's Big Pack Mountain NW quadrangle base map occurred on November 8, 2003 and again on February 3, 2004. The UDSH SHPO GIS file search reported that fourteen previous projects (U-97-AY-810, U-98-AY-283, U-01-AY-319, U-04-AY-079, U-05-AY-290, U-05-AY-332, U-05-AY-1074, U-06-AY-129, U-06-AY-130, U-06-AY-131, U-06-AY-132, U-06-AY-133, U-06-AY-424 and U-06-AY-426) have been conducted in the general area (Section 36 of T10S R20E). In addition, the Utah SHPO GIS files search indicated that one site (42UN5227) had been previously recorded in Section 36 of T10S R20E.

Site 42UN5227 is located in the SW/SE ¼ of Section 36 of T10S R20E. Thus the site is located 3/4 mile to the south of the present project area. The site will not be impacted by subsequent construction of the proposed LCU #7-36F well, its access or pipeline.

Environment

Physiographically, the project is located in the Little

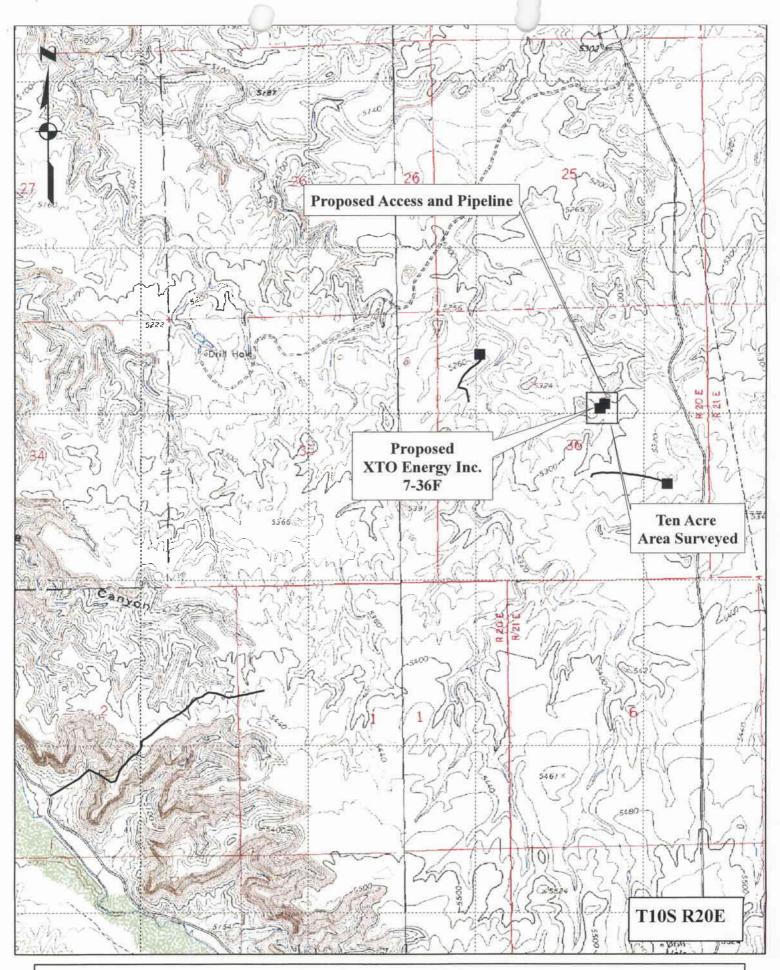


Figure 1. Location of the proposed XTO Energy Inc. 7-36F well, access and pipeline on 1968 7.5' USGS Quadrangle Map Big Pack Mountain NE, Uintah County, Utah.

Canyon Unit in the Uinta Basin, 14 miles south of Ouray, Utah. The Uinta Basin is structurally the lowest part of the Colorado Plateau geographical province (Thornbury 1965:425). The Uinta basin is a large, relatively flat, bowl shaped, east-west asymmetrical syncline near the base of the Uinta Mountains. The topography is characteristic of sloping surfaces that incline northward and are mainly dip slopes on the harder layers of Green River and Uinta Formations (Stokes 1986).

A thick section of more than 9000 feet (2743.9 m) of early Tertiary rocks are exposed (Childs 1950). These rocks are mainly Paleocene and Eocene in age and consist of sandstone, clay and shale lacustrine, fluviatile, and deltaic continental deposits, most famous of which are the lacustrine Green River Beds.

The immediate project area is situated on in the Willow Creek Canyon. The area is characterized as having steep ridges and/or buttes of relatively thick Uinta Formation sandstone, with thinner layers of clays and shale. The hills, ridges and buttes are dissected by several steep sided ephemeral drainage washes with wide flat alluvial plains. Portions of the desert hardpan and bedrock are covered with various sizes of residual angular to tabular pieces of eroding sandstone, clay and shale. Many of the higher hills and ridges exhibit ancient terrace (pediment) surfaces containing pebble and cobble gravel. Some of these pebbles and cobbles exhibit a dark brown to black desert varnish In addition, many of the hills and ridge slopes (patination). are covered with aeolian sand that may reach a depth of 100 to 150

Vegetation in the Little Canyon Unit area is characteristic of a low sagebrush community with shad scale and greasewood. Species observed in the project area include; big sagebrush (Artemesia tridentata), shadscale (Atriplex confertifolia), nu<u>ttallii</u>), (Atriplex rabbitbrush (Chrysothamnus viscidiflorus), winterfat (Eurotia lanata), greasewood (Sarcobatus baileyi), wild buckwheat, Erigonum ovvalifolium), desert trumpet (Erigonum inflatum), Indian rice grass (Oryzopsis hymenoides), smithii), western wheatgrass (Agropyron spiked wheatgrass (Agropyron sp.), crested wheatgrass (Agropyron cristatum), June grass (Koeleria cristata), cheat grass (Bromus tectorum), desert globemallow (Bromus tectorum), lupine (Lupinus sp.), larkspur chromosa), (Delphinium Indian paintbrush (Castilleja sp.), peppergrass (Lepidium perfoliatum), scalloped phacelia (Phacelia intergrifolian), birdscage evening primrose Russian thistle (Salsola kali), Russian knapweed deltoides), (Centaurea repens), and prickly pear cactus (Opuntia sp.). addition, a riparian community dominated by tall greasewood, cottonwood (Populas sp.), willow (Salix sp.), and salt cedar (tamerix) can be found along the Willow Creek Canyon bottom.

Little Canyon Unit (LCU) #7-36F

The proposed LCU #7-36F well pad is situated at the southern base and talus slope of a small upland knoll (Figures 2 and 3). A small ephemeral drainage wash runs east to west across the southern portion of the well pad. The knoll and well pad location is part of an upland bench system of hills, ridges, benches and drainages that drain west to Willow Creek. A small southeast to northwest trending ephemeral drainage wash can be found to the south of the ridge. The sediments on the well location are colluvial in nature. These colluvial deposits consist of shallow (< 5 cm), tan to light brown, poorly sorted, moderately compacted, sandy clay loam, mixed with angular pieces of sandstone, clay and shale on the ridge tops and flat areas (Figure 3). Exposed and eroding tan to light brown sandstone and shale bedrock dominates Vegetation consists of low sagebrush, the well pad landscape. saltbush, rabbitbrush, greasewood, bunchgrasses (wheatgrass, cheat grass, Indian rice-grass), barrel and prickly pear cactus. proposed well location is 5300 feet (1615.85 m) AMSL.



Figure 2. View to north at the proposed LCU #7-36F centerstake and well pad area.

From an existing oil and gas field service road and pipeline, the proposed access and pipeline parallel each other and trend 500 feet (162.4 m) west to the proposed LCU #7-36F well. Sediments

along the pipeline consist of a shallow (5 to 10 cm), poorly sorted, loosely compacted, colluvial sandy clay loam. These colluvial deposits overlie sandstone, clay and shale bedrock. Vegetation along the access and pipeline is sparse and consists of low sagebrush, greasewood, rabbitbrush, saltbush, Russian thistle, bunchgrasses (wheatgrass, cheat grass, Indian rice-grass), and prickly pear cactus.

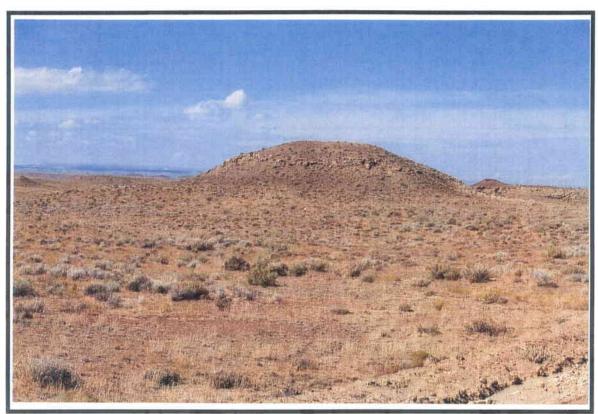


Figure 3. Closer view to west of the proposed Little Canyon Unit #7-36F well pad and the colluvial deposits on and surrounding the proposed LCU #7-36F well pad area.

Field Methods

A total of 10 acres was surveyed around the centerstake of the proposed LCU #7-36F well location to allow for relocation of the pad if necessary. The survey was accomplished by walking transects spaced no more than 15 meters apart. The proposed access and pipeline corridor surveyed is 500 feet (162.4 m) long and 100 feet (30.4 m) wide, 1.14 acres. Thus, 2.28 linear acres was surveyed.

Geologic landforms (rockshelters, alcoves, ridge tops and saddles) and areas of subsurface exposure (ant hills, blowouts, rodent holes and burrow, eroding slopes and cutbanks) were examined with special care in order to locate cultural resources (sites, isolates) and possibly help assess a site's sedimentary

integrity and potential for the presence and/or absence of buried intact cultural deposits. All exposures of sandstone cliff faces, alcoves or rockshelters, and talus slopes were surveyed.

When cultural materials are discovered, a more thorough survey of the immediate vicinity is conducted in order to locate any associated artifacts and to determine the horizontal extent (surface area) of the site. If no other artifacts are located during the search then the initial artifact was recorded as an isolated find. At times, isolated formal tools (typical end scrapers, projectile points) were drawn and measured. The isolate was then described and its location plotted on a U.S.G.S. topographic map and UTM coordinates are recorded.

When sites are found an Intermountain Antiquities Computer System (IMACS) form was used to record the site. At all sites, selected topographic features, site boundaries, stone tools and cultural features (hearths, foundations, trash dumps and trails) Sites were mapped with a Brunton compass, Trimble are mapped. Geophysical 3 and/or Garmin E-Trex GPS units, and pacing off distances from a mapping station (datum, PVC with aluminum tag). All debitage is inventoried using standard recording techniques (Truesdale et al 1995:7) according to material type, basic flake type, and \overline{so} \overline{on} . Selected (mostly complete) stone tools and projectile points are drawn and measured. All features (rockart panel(s), hearths, foundations, trash dumps and trails) are measured and described, while selected features are either drawn or photographed.

Site location data is recorded by a Trimble GeoExplorer 3 Global Positioning System (GPS) and Garmin GPS III Plus and/or a E-Trex GPS. Site elevation and Universal Transverse Mercator (UTM) grid data, its Estimated Position Error (EPE) and Dilution of Precision (DOP) were recorded. Using the GPS data, the site location was then placed on a USGS 7.5' quadrangle map.

Results

A total of 12.28 (10 block, 2.28 linear) acres were surveyed for cultural resources by AIA within and around the proposed XTO Energy Corp. Little Canyon Unit (LCU) #7-36F well, and along its access and pipeline. No cultural resources (sites, isolates) were recorded on or around the proposed LCU #7-36F or along its access and pipeline.

A moderate scatter of modern trash (plastic bottles, sanitary food cans, miscellaneous metal, wire, green, brown and clear glass bottles and bottle fragments, foam insulation, etc.) can be found on and surrounding the existing well pads and along the existing oil and gas field service roads in the Little Canyon Unit area.

Recommendations

A total of 12.28 (10 block, 2.28 linear) acres were surveyed for cultural resources by AIA within and around the proposed XTO Energy Corporation Little Canyon Unit #7-36F well, and along its access and pipeline. No cultural resources (sites, isolates) were recorded on or around the proposed LCU #7-36F or along its access and pipeline.

A moderate scatter of modern trash (plastic bottles, sanitary food cans, miscellaneous metal, wire, green, brown and clear glass bottles and bottle fragments, foam insulation, etc.) can be found on and surrounding the existing well pads and along the existing oil and gas field service roads in the Little Canyon Unit area.

Sediments on and surrounding the proposed well pad, and along its access and pipeline are shallow. Therefore, the possibility of buried and/or intact cultural materials on the proposed well pad or along its access and pipeline is low. No cultural resources (historic properties, isolates) were recorded during the survey for the proposed LCU #7-36F well, its access and pipeline. Therefore, no additional archaeological work is necessary and clearance is recommended for the construction of the Little Canyon Unit #7-36F well pad, its access, and pipeline.

REFERENCES CITED

- Childs, O.E.
 - 1950 Geologic history of the Uinta Basin, Utah Geological and Mineralogical Survey. Guidebook to the Geology of Utah, No. 5:49-59.
- Stokes, William D.
 - 1986 Geology of Utah. Contributions by the Utah Museum of Natural History, and the Utah Geological and Mineral Survey Department of Natural Resources. <u>Utah Museum of Natural History</u>, Occasional Papers, No. 6.
- Thornbury, William D.
 - 1965 Regional Geomorphology of the United States. John Wiley & Sons, Inc.
- Truesdale, James A., Kathleen E Hiatt, and Clifford Duncan
 1995 Cultural Resource Inventory of the Proposed Ouray
 Gravel Pit Location, Uintah-Ouray Ute Reservation, Uintah
 County, Utah. Report prepared for U & W Construction, Ft.
 Duchesne, Utah by AIA, Laramie, Wyoming.

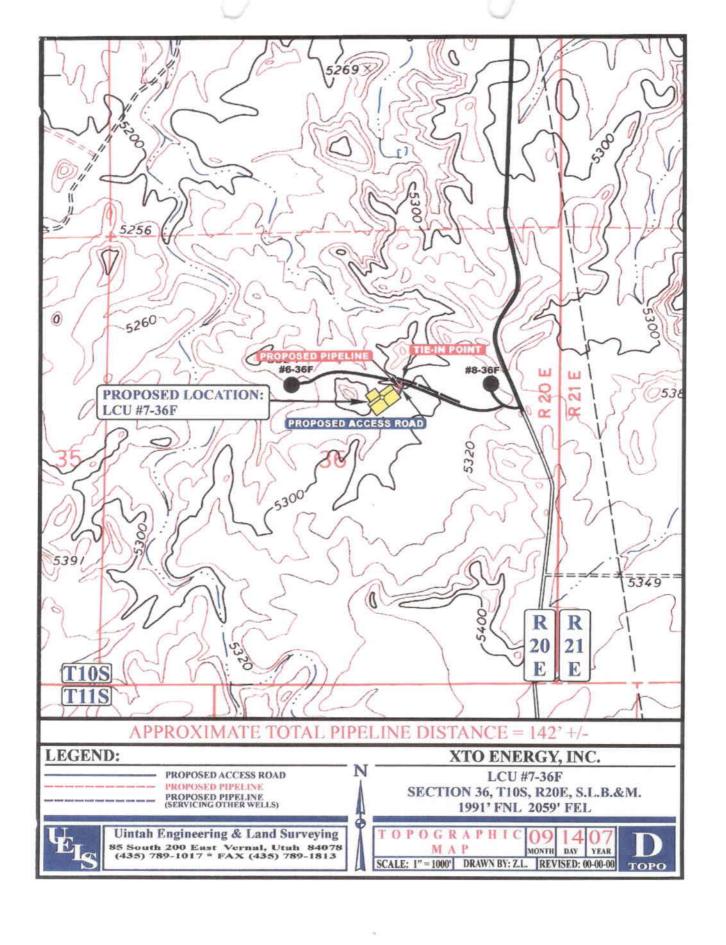
PALEONTOLOGY EVALUATION SHEET

PROJECT: XTO Energy, Inc. – LCU #7-36F
LOCATION: 15 miles south of Ouray, Uintah County, Utah. Section 36, 1991' FNL 2059' FEL, T10S, R20E, S.L.B.&M.
OWNERSHIP: PRIV[] STATE[X] BLM[] USFS[] NPS[] IND[] MIL[] OTHER[]
DATE: October 2, 2007
GEOLOGY/TOPOGRAPHY: Rock outcrops in this area are the lower part of Uinta Formation, Eocene age. The access road and pipeline are short and come in from the north. Area is of moderate to low relief. The well pad is on a southeast slope with a moderately high knoll to the west. A swale runs down through the area northwest to southeast. The well pad surface is a mix of sand cover and Uinta Formation exposures. A small rise running southwest has sandstone chunks which continue to the southwest corner. There are some rock exposures at the northeast and west of the pit.
PALEONTOLOGY SURVEY: YES [X] NO Survey [] PARTIAL Survey [] Pedestrian Survey of Uinta Formation rock exposures at the well pad as well as along the road and pipeline.
SURVEY RESULTS: Invertebrate [] Plant [] Vertebrate [] Trace [] No Fossils Found [X]
PALEONTOLOGY SENSITIVITY: HIGH [] MEDIUM [] LOW [X] (PROJECT SPECIFIC)
MITGATION RECOMMENDATIONS: NONE [X] OTHER [] (SEE BELOW)
There is always some potential for discovery of significant paleontological resources in the Uinta

There is always some potential for discovery of significant paleontological resources in the Uinta Formation. If significant vertebrate fossils (mammals, crocodiles, complete turtle shells, etc.) are encountered during construction, work should stop in that area and a paleontologist should be contacted to evaluate the material discovered.

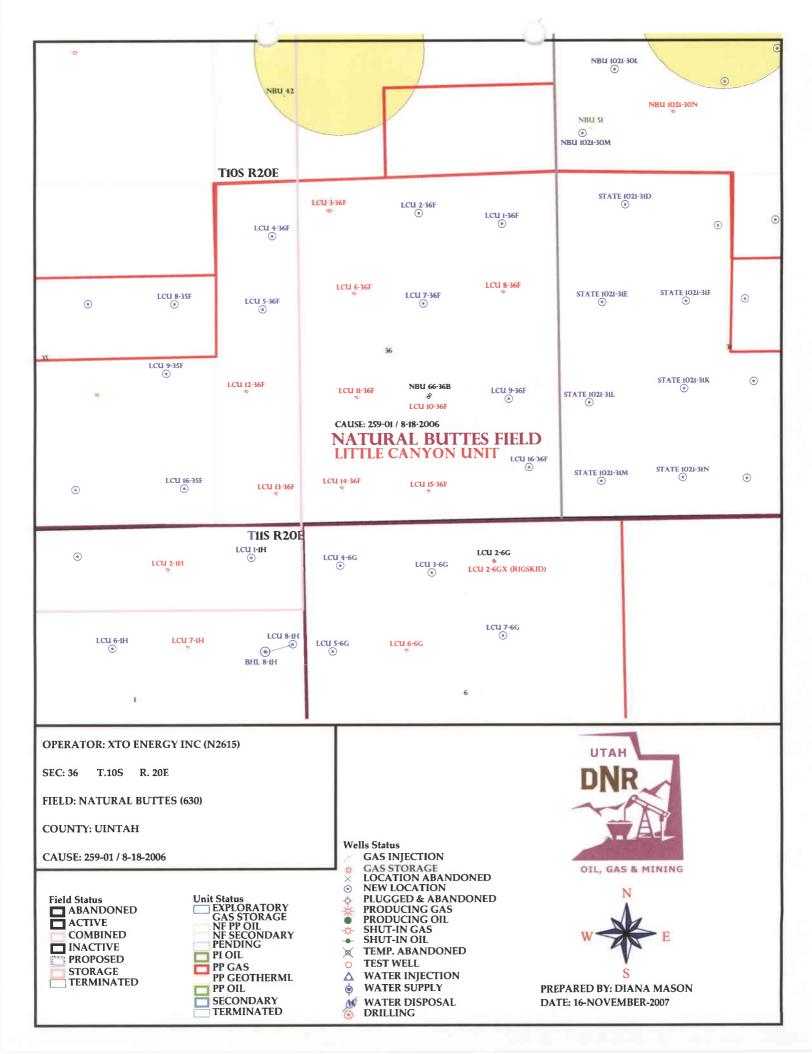
PALEONTOLOGIST: Alden H. Hamblin

A.H. Hamblin Paleontological Consulting, 3793 N. Minersville Highway, Cedar City, Utah 84720 (435) 867-8355 Utah State Paleontological Permit # 07-355, BLM paleontological Resources Permit # UT-S-05-02, Utah Professional Geologist License - 5223011-2250.



WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/09/2007	API NO. ASSIGNED: 43-047-39788					
WELL NAME: LCU 7-36F OPERATOR: XTO ENERGY INC (N2615) CONTACT: DON HAMILTON	PHONE NUMBER: 435-722-4521					
PROPOSED LOCATION: SWNE 36 100S 200E	INSPECT LOCATN BY: / /					
SURFACE: 1991 FNL 2059 FEL BOTTOM: 1991 FNL 2059 FEL	Engineering DKO (2/7/07					
COUNTY: UINTAH LATITUDE: 39.90599 LONGITUDE: -109.6107	Geology					
UTM SURF EASTINGS: 618756 NORTHINGS: 4418 FIELD NAME: NATURAL BUTTES (630 LEASE TYPE: 3 - State LEASE NUMBER: ML-47391 SURFACE OWNER: 3 - State						
Plat Bond: Fed[] Ind[] Sta[] Fee[] (No. 104312762) Potash (Y/N) Y Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 43-10447) Al RDCC Review (Y/N) (Date:) Fee Surf Agreement (Y/N) Lim Intent to Commingle (Y/N)	LOCATION AND SITING: R649-2-3. Unit: LITTLE CANYON R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells R649-3-3. Exception Drilling Unit Board Cause No:259-01 Eff Date:					
STIPULATIONS: 1- STATEMENT OF BASIS 7- Oil SHALE 3- Surface (sg (m + Stip						



Application for Permit to Drill Statement of Basis

11/29/2007

Utah Division of Oil, Gas and Mining

Page 1

APD No

Operator

API WellNo

Status

Well Type GW

Surf Ownr S

CBM

No

601

43-047-39788-00-00

Surface Owner-APD

Well Name LCU 7-36F

Unit

LITTLE CANYON

Field

NATURAL BUTTES

XTO ENERGY INC

Type of Work

Location

SWNE 36 10S 20E S 1991 FNL 2059 FEL GPS Coord (UTM) 618756E 4418037N

Geologic Statement of Basis

XTO proposes to set 2,200 feet of surface casing cemented to the surface. The base of the moderately saline water is estimated at 4,300 feet. A search of Division of Water Rights records shows 1 water well within a 10,000 foot radius of the proposed location. This well is over a mile from the proposed location. The well is owned by the BLM it is listed as used for stock watering. The surface formation at this location is he Uinta Formation. The well depth is listed as 2,500 feet. The Uinta Formation is made up of discontinuous sands interbedded with shales and are not expected to produce prolific aquifers. The proposed surface casing and cement should adequately protect any near surface aquifers. The production string cement should be brought up above the base of the moderately saline water to prevent it from mixing with fresher waters up hole.

Brad Hill

11/29/2007

APD Evaluator

Date / Time

Surface Statement of Basis

The general area is approximately 14 miles southwest of Ouray, Utah and in an oil field Unit known as Little Canyon. The area is characterized by rolling hills and benches, which are frequently intersected by somewhat gentle to deep draws running westerly a distance of about 2-1/2 miles into Willow Creek. The draws are occasionally rimed with steep side hills, which have exposed sand stone bedrock cliffs along the rims. Willow Creek contains a perennial stream. No other seeps, springs or streams are known to exist in the area. An occasional pond collecting runoff for livestock and antelope occurs.

The LCU 7-36F proposed gas well is 14.9 miles southeast of Ouray and is accessed by the Seep Ridge Road and the road planned to LCU 8-36F well. A new road 0.3 miles in length will be constructed to the west from this location.

The location is on gentle southeast sloping terrain. Two shallow drainages begin within the location and will be filled during construction. No diversions around the location are needed. A larger drainage lies to the south and extends to the west toward Willow Creek.

Both the surface and minerals are owned by SITLA. Ed Bonner and Jim Davis of SITLA were invited to the pre-site evaluation. Neither attended. This investigation did not reveal any significant issues or situations, which should prohibit access to or drilling and operating the well at this site.

Ben Williams representing the UDWR stated the area is classified as yearlong crucial habitat for antelope but water not forage is the factor limiting the growth of the herd. He did not recommend any restrictions for this species. No other wildlife species are expected to be significantly affected. He furnished Ken Secriest of XTO, a copy of his evaluation and a recommended seed mix to be used when the site is re-vegetated.

Floyd Bartlett **Onsite Evaluator** 11/27/2007

Date / Time

Application for Permit to Drill Statement of Basis

11/29/2007

Utah Division of Oil, Gas and Mining

Page 2

Conditions of Approval / Application for Permit to Drill

Category

Condition

Pits

A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be

properly installed and maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator

XTO ENERGY INC

Well Name

LCU 7-36F

API Number

43-047-39788-0

APD No 601

Tw 10S

Field/Unit NATURAL BUTTES

Location: 1/4,1/4 SWNE

VNE Sec 36

Rng 20E

1991 FNL 2059 FEL

GPS Coord (UTM) 618756

4418038

Surface Owner

Participants

Floyd Bartlett (DOGM), Ken Secrist, Jody Mecham, Zander Mcentire (XTO Energy, INC.), Ben Williams (UDWR), Brandon Bowthorpe (U.E.L.S.), David Allen (LaRose Construction), Randy Jackson (Jackson Construction)

Regional/Local Setting & Topography

The general area is approximately 14 miles southwest of Ouray, Utah and in an oil field Unit known as Little Canyon. The area is characterized by rolling hills and benches, which are frequently intersected by somewhat gentle to deep draws running westerly a distance of about 2-1/2 miles into Willow Creek. The draws are occasionally rimed with steep side hills, which have exposed sand stone bedrock cliffs along the rims. Willow Creek contains a perennial stream. No other seeps, springs or streams are known to exist in the area. An occasional pond collecting runoff for livestock and antelope occurs.

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Surface Use Plan

Current Surface Use

Grazing

Recreational

Wildlfe Habitat

New Road

Miles Well Pad

Src Const Material

Surface Formation

0.3

Width 243

Length 355

Onsite

UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Moderately vegetated with curly mesquite, winter fat, globe mallow, pepper grass, horsebrush, shadscale, broom snake weed, budsage, horsebrush, cheat grass and mustard weed.

Antelope, coyotes, rabbits and miscellaneous small mammals and birds.

Soil Type and Characteristics

Moderately deep sandy loam with few small surface rock.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required N

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? N Paleo Potental Observed? N Cultural Survey Run? Y Cultural Resources? N

Reserve Pit

Site-Specific Factors		Site 1	Ranking	
Distance to Groundwater (feet)	>200		0	
Distance to Surface Water (feet)	>1000		0	
Dist. Nearest Municipal Well (ft)	>5280		0	
Distance to Other Wells (feet)	300 to 1320		10	
Native Soil Type	Mod permeability		10	
Fluid Type	Fresh Water		5	
Drill Cuttings	Normal Rock		0	
Annual Precipitation (inches)	<10		0	
Affected Populations	<10		0	
Presence Nearby Utility Conduits	Not Present		0	
		Final Score	25	1 Sensitivity Level

Characteristics / Requirements

A 100' x 140' x 8' deep reserve pit is planned in an area of cut on the northwest side of the location. It will be lined with a 16-mil liner with an appropriate thickness of felt sub-liner.

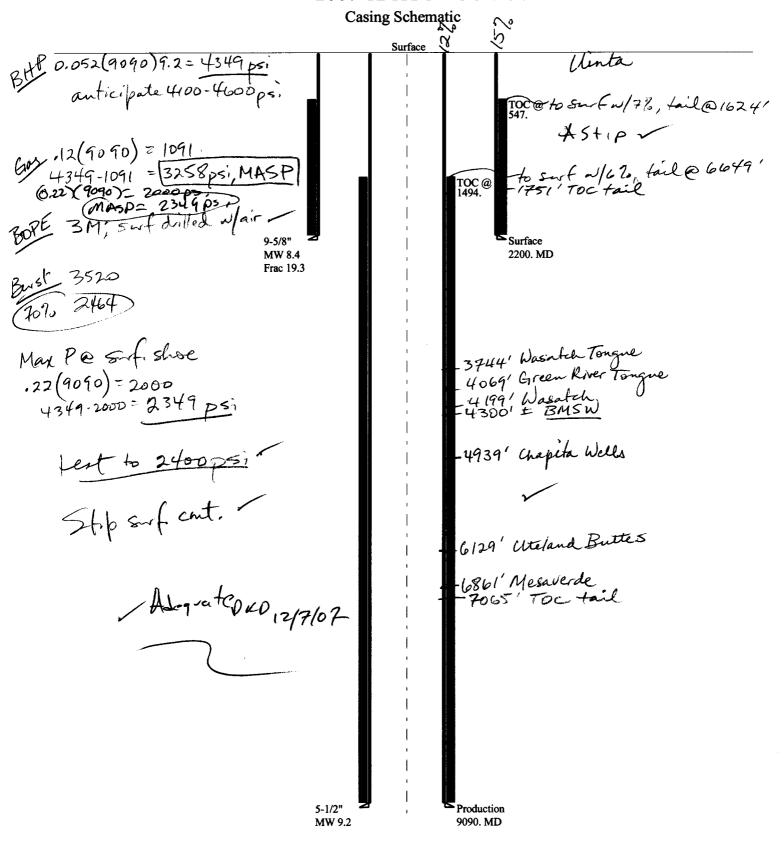
Closed Loop Mud Required? N Liner Required? Y Liner Thickness 16 Pit Underlayment Required? Y

Other Observations / Comments

ATV's were used to access the site.

Floyd Bartlett 11/27/2007 **Evaluator Date / Time**

2007-12 XTO LCU 7-36F



Well name:

2007-12 XTO LCU 7-36F

Operator:

XTO Energy, Inc.

String type:

Surface

Project ID: 43-047-39788

Location:

Uintah Co.

Environment: Minimum design factors:

Collapse

Design parameters:

8.400 ppg Mud weight: Design is based on evacuated pipe.

Collapse: Design factor 1.125

H2S considered? Surface temperature:

No 65 °F Bottom hole temperature: 96 °F

Temperature gradient:

1.40 °F/100ft

Minimum section length:

185 ft

Burst:

1.00 Design factor

Cement top:

547 ft

Burst

Max anticipated surface

pressure: 1,936 psi

0.120 psi/ft Internal gradient: 2,200 psi Calculated BHP

No backup mud specified.

Tension:

8 Round STC: 1.80 (J) 8 Round LTC: 1.80 (J) 1.60 (J) **Buttress:**

Premium: 1.50 (J) Body yield: 1.50 (B)

Tension is based on air weight. Neutral point: 1,926 ft Non-directional string.

Re subsequent strings:

Next setting depth: 9.090 ft Next mud weight: 9.200 ppg 4,344 psi Next setting BHP:

Fracture mud wt: 19.250 ppg 2,200 ft Fracture depth: Injection pressure: 2,200 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2200	9.625	36.00	J-55	ST&C	2200	2200	8.796	954.9
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	960	2020	2.104	2200	3520	1.60	79	394	4.97 J

Prepared

Helen Sadik-Macdonald Div of Oil, Gas & Minerals Phone: 810-538-5357

Date: December 6,2007 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 2200 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes. Burst strength is not adjusted for tension.

Well name:

2007-12 XTO LCU 7-36F

Operator:

XTO Energy, Inc.

String type:

Production

Location:

Uintah Co.

Design is based on evacuated pipe.

Project ID:

43-047-39788

Design parameters:

Collapse 9.200 ppg Mud weight:

Minimum design factors: Collapse:

Design factor 1.125

Environment: H2S considered? Surface temperature:

No 65 °F 192 °F Bottom hole temperature:

Temperature gradient: Minimum section length: 1.40 °F/100ft

368 ft

Burst:

Design factor

1.00

Cement top:

1,494 ft

Burst

Max anticipated surface

pressure: Internal gradient: Calculated BHP

2,345 psi 0.220 psi/ft

4,344 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J) 1.80 (J) 8 Round LTC: **Buttress:** 1.60 (J) 1.50 (J) Premium: 1.50 (B) Body yield:

Tension is based on air weight. Neutral point: 7,822 ft Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	9090	5.5	17.00	N-80	LT&C	9090	9090	4.767	1186.5
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	4344	6290	1.448	4344	7740	1.78	155	348	2.25 J

Prepared

Helen Sadik-Macdonald

Div of Oil, Gas & Minerals by:

Phone: 810-538-5357

Date: December 6,2007 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 9090 ft, a mud weight of 9.2 ppg The casing is considered to be evacuated for collapse purposes. Burst strength is not adjusted for tension.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

November 16, 2007

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2007 Plan of Development Little Canyon Unit

Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2007 within the Little Canyon Unit, Uintah County, Utah.

API# WELL NAME LOCATION

(Proposed PZ Wasatch/MesaVerde)

43-047-39788 LCU 07-36F Sec 36 T10S R20E 1991 FNL 2059 FEL 43-047-39780 LCU 01-36F Sec 36 T10S R20E 0782 FNL 0823 FEL 43-047-39781 LCU 02-36F Sec 36 T10S R20E 0577 FNL 2112 FEL 43-047-39782 LCU 04-36F Sec 36 T10S R20E 0860 FNL 0889 FWL 43-047-39783 LCU 09-36F Sec 36 T10S R20E 1879 FSL 0766 FEL 43-047-39784 LCU 16-36F Sec 36 T10S R20E 0815 FSL 0471 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Little Canyon Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron

MCoulthard:mc:11-16-07



State of Utah DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

December 17, 2007

XTO Energy, Inc. P O Box 1360 Roosevelt, UT 84066

Re:

Little Canyon Unit 7-36F Well, 1991' FNL, 2059' FEL, SW NE, Sec. 36, T. 10 South,

R. 20 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39788.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc:

Uintah County Assessor

Bureau of Land Management, Vernal Office

SITLA



Operator:	XTO Energy, Inc.	
Well Name & Number	Little Canyon Unit 7-36F	· · · · · · · · · · · · · · · · · · ·
API Number:	43-047-39788	
Lease:	ML-47391	

Location: SW NE_

Sec. 36

T. 10 South_

R. 20 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

- 24 hours prior to cementing or testing casing contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment contact Dan Jarvis
- 24 hours prior to spudding the well contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well contact Dustin Doucet
- Any changes to the approved drilling plan contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

• Dan Jarvis at:

(801) 538-5338 office

(801) 942-0873 home

• Carol Daniels at:

(801) 538-5284 office

• Dustin Doucet at:

(801) 538-5281 office

(801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

Page 2 43-047-39788 December 17, 2007

- 4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
- 5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
- 6. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.
- 7. Surface casing shall be cemented to the surface.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING VERHAL FISH DESCRIPTION

AMENDED REPORT	
(highlight changes)	

FORM 3

-	· ·	APPLICA	TION FOR F	PERMIT TO	PRIMO Y -9 PM 2: 3	Ļ	5. MINERAL LEASE NO: ML-47391	6. SURFACE: State
1A. TYPE OF WO		RILL 🔽	REENTER). (7. IF INDIAN, ALLOTTEE OR	TRIBE NAME:
B. TYPE OF WE	LL OIL 🗌	GAS 🗹	OTHER	SIN	GLE ZONE MULTIPLE ZONI		8. UNIT or CA AGREEMENT I	
2. NAME OF OPE	DATOD:						Little Canyon Unit 9. WELL NAME and NUMBER	
XTO Energ							LCU 7-36F	•
3. ADDRESS OF					PHONE NUMBER:		10. FIELD AND POOL, OR W	LDCAT:
P.O. Box 13		CITY Roos	evelt _{STAT}	E UT ZIP 840	066 (435) 722-4521		undesignated	
4. LOCATION OF	WELL (FOOTAGE	S)					11. QTR/QTR, SECTION, TO MERIDIAN:	MNSHIP, RANGE,
AT SURFACE:	1,991' FNL	. & 2,059' F	EL,				ł	S 20E S
	PRODUCING ZOI			43:0	47 39788			
			AREST TOWN OR POS	IT OFFICE:	,	•	12. COUNTY:	13. STATE: UTAH
13.11 mil	es southeas	st of Ouray,	Utah				Uintah	0.7
15. DISTANCE TO	NEAREST PROP	ERTY OR LEASE	LINE (FEET)	16. NUMBER O	FACRES IN LEASE:	17. N	IUMBER OF ACRES ASSIGNED	TO THIS WELL:
1,991'					640			40
	NEAREST WELL		PLETED, OR	19. PROPOSED	DEPTH:	20. B	OND DESCRIPTION:	
1,107'	R) ON THIS LEASE	(FEET)			9,090	10	04312 762	
	(SHOW WHETHE	R DF, RT, GR, ET	C.):	22. APPROXIM	ATE DATE WORK WILL START:		STIMATED DURATION:	
5,290' uno	graded grou	ınd		1/15/200	08	14	days	
24.			PROPOSE	ED CASING A	ND CEMENTING PROGRAM			
SIZE OF HOLE	CASING SIZE,	GRADE, AND WE	GHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUA	NTITY	, YIELD, AND SLURRY WEIGHT	
			 				·	
12-1/4"	9-5/8"	J-55 ST	36#	2,200	see Drilling Plan			
7-7/8"	5-1/2"	N-80 LT	17#	9,090	see Drilling Plan			
				0,000				
								
		·						
								······································
25.				ATTA	CHMENTS			
VERIFY THE FOL	LOWING ARE ATT	FACHED IN ACCO	RDANCE WITH THE U	TAH OIL AND GAS C	ONSERVATION GENERAL RULES:			
[7]					17			
✓ WELL PL	AT OR MAP PREP	ARED BY LICENS	ED SURVEYOR OR EN	IGINEER	COMPLETE DRILLING PLAN			
EVIDENC	E OF DIVISION OF	F WATER RIGHTS	APPROVAL FOR USE	OF WATER	FORM 5, IF OPERATOR IS PE	RSON	OR COMPANY OTHER THAN T	HE LEASE OWNER
NAME (PLEASE PRINT) Don Hamilton Agent for XTO Energy, Inc.								
SIGNATURE	Don	Har	<u>nilton</u>		DATE 11/7/2007			
(This space for Star					APPROVAL: RECE	AC(UN IVE	CEPTED BY BL HT PURPOSES D EB 5 700	M FOR ONLY
					EED A	, 00	100	

(See Instructions on Reverse Side).

FEB 0 7 2008

DIV. OF OIL, GAS & MINING

(11/2001)

STATE OF UTAH

	DEPARTMENT OF NATURAL F DIVISION OF OIL, GAS A	RESOURCES		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47391
SUNDR	Y NOTICES AND REP	ORTS ON WEL	LS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
Do not use this form for proposals to drill drill horizontal	7. UNIT OF CA AGREEMENT NAME: Little Canyon Unit			
1. TYPE OF WELL OIL WELL	8. WELL NAME and NUMBER: LCU 7-36F			
2. NAME OF OPERATOR: XTO Energy, Inc.		www.a		9. API NUMBER: 4304739788
3. ADDRESS OF OPERATOR: P.O. Box 1360	TY Roosevelt STATE U	T _{ZIP} 84066	PHONE NUMBER: (435) 722-4521	10. FIELD AND POOL, OR WILDCAT: Natural Buttes
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1991	od koja su jedanja i nastava i jedina distri			соинту: Uintah
QTR/QTR, SECTION, TOWNSHIP, RA	NGE, MERIDIAN: SWNE 36 1	0S 20E S		STATE: UTAH
11. CHECK APP	PROPRIATE BOXES TO IN	DICATE NATURE	OF NOTICE, REP	ORT, OR OTHER DATA
TYPE OF SUBMISSION		7	YPE OF ACTION	
NOTICE OF INTENT	ACIDIZE	DEEPEN		REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTURE	TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CON	STRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATO	RCHANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND	ABANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BAC	K	WATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS	PRODUCT	ON (START/RESUME)	WATER SHUT-OFF
	COMMINGLE PRODUCING FORM	MATIONS RECLAMA	TION OF WELL SITE	✓ other: Permit Extension
	CONVERT WELL TYPE	RECOMPL	ETE - DIFFERENT FORMATIO	N
	COMPLETED OPERATIONS. Clearly some services of the complete of			
	that has been requested.	sion of the state po		
· [Approved by the Utah Division of Oil, Gas and Mining Date: 17-01-09			DEC-12008
NAME (PLEASE PRINT) Kendell SIGNATURE CONTROLLS (This space for State use only)	Johnson physon	TIT	11/14/2008	DIV OF OIL, GAS & MINING
(space is the day only)				COPY SENT TO OPERATOR
				Date: 12.4.2008
(5/2000)		(See Instructions on Reverse	Side)	Initials: <u>KS</u>

Application for Permit to Drill Request for Permit Extension Validation (this form should accompany the Sundry Notice requesting permit extension)

API: Well Name: LCU 7-36F Location: 1991' FNL & 2059' FEL, SW NE Sec. 36, T10S, R20E Company Permit Issued to: XTO Energy, Inc. Date Original Permit Issued: 12/17/2007							
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.							
Following is a checklist of some items related to the application, which should be verified.							
f located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes □ No ☑							
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes☐No☑							
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑							
Have there been any changes to the access route including ownership, or right- of-way, which could affect the proposed location? Yes□No ☑							
Has the approved source of water for drilling changed? Yes□No☑							
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑							
s bonding still in place, which covers this proposed well? Yes⊠No□							
Kendellohnson 11/14/2008							
Signature Date							
Title: Kendell Johnson							
Representing: XTO Energy, Inc.							

STATE OF UTAH				FORM 9		
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MI		3	5.LEAS ML-4	SE DESIGNATION AND SERIAL NUMBER: 7391	
SUND	6. IF I	NDIAN, ALLOTTEE OR TRIBE NAME:				
	sals to drill new wells, significantly deepen ugged wells, or to drill horizontal laterals. U				T or CA AGREEMENT NAME: E CANYON	
1. TYPE OF WELL Gas Well				8. WEI	LL NAME and NUMBER: 7-36F	
2. NAME OF OPERATOR: XTO ENERGY INC					NUMBER: 7397880000	
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 8	7410 505 333-3159 Ext		PHONE NUMBER:		LD and POOL or WILDCAT: RAL BUTTES	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1991 FNL 2059 FEL	TR DANCE MEDITANA			UINT	AH	
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWNE Section: 36	Township: 10.0S Range: 20.0E Meridian:	S		STATE UTAH		
CHE	CK APPROPRIATE BOXES TO INDICA	TE NA	ATURE OF NOTICE, REPOF	RT, OR OT	HER DATA	
TYPE OF SUBMISSION			TYPE OF ACTION			
	☐ ACIDIZE		ALTER CASING		CASING REPAIR	
NOTICE OF INTENT Approximate date work will start: 12/1/2010	☐ CHANGE TO PREVIOUS PLANS		CHANGE TUBING		CHANGE WELL NAME	
12/1/2010	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATION	ns	CONVERT WELL TYPE	
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	_ F	FRACTURE TREAT		NEW CONSTRUCTION	
	OPERATOR CHANGE	F	PLUG AND ABANDON		PLUG BACK	
SPUD REPORT	PRODUCTION START OR RESUME	∐ F	RECLAMATION OF WELL SITE	L	RECOMPLETE DIFFERENT FORMATION	
Date of Spud:	REPERFORATE CURRENT FORMATION	_	SIDETRACK TO REPAIR WELL	L	TEMPORARY ABANDON	
_	☐ TUBING REPAIR	_	VENT OR FLARE	L	WATER DISPOSAL	
DRILLING REPORT Report Date:	WATER SHUTOFF	s	SI TA STATUS EXTENSION	•	APD EXTENSION	
	WILDCAT WELL DETERMINATION		OTHER	ОТІ	HER:	
l .	ompleted operations. Clearly show all perests a one year extension on telegraphic referenced well.				etc. Approved by the Utah Division of	
					il, Gas and Mining	
				Date:	November 30, 2009	
				By:	2024III	
				- y		
NAME (PLEASE PRINT)	PHONE NUMBER	<u>ξ</u>	TITLE			
Eden Fine	505 333-3664		Permitting Clerk			
SIGNATURE N/A			DATE 11/30/2009			



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047397880000

API: 43047397880000

Well Name: LCU 7-36F

Location: 1991 FNL 2059 FEL QTR SWNE SEC 36 TWNP 100S RNG 200E MER S

Company Permit Issued to: XTO ENERGY INC **Date Original Permit Issued:** 12/17/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

ire revision. Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

No

Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No

Has the approved source of water for drilling changed? Yes No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

Approved by the Is bonding still in place, which covers this proposed well? Yes No Utah Division of

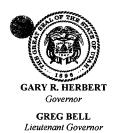
Signature: Eden Fine **Date:** 11/30/2009

Title: Permitting Clerk Representing: XTO ENERGY INC

Date: November 30, 2009

Oil, Gas and Mining

Bv:



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

December 28, 2010

XTO Energy Inc. 382 Road 3100 Aztec, NM 87410

Re:

APD Rescinded – Little Canyon Unit 7-36F, Sec. 36, T. 10S, R. 20E Uintah County, Utah API No. 43-047-39788

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on December 17, 2007. On December 1, 2008 and November 30, 2009, the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective December 17, 2010.

A new APD must be filed with this office for approval <u>prior</u> to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason

Environmental Scientist

and Masin

cc: Well File

Ed Bonner, SITLA

